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PATENTIN THE CLAIMS

1-7. (cancelled)

8. (canceled) A liner assembly for a system for a SWET box, said liner assembly system comprising:

an enclosure a liner configured to be received in a heating chamber of the SWET box assembly, said enclosure liner comprising a rear wall, a front wall opposite said rear wall, a pair of opposed end walls, and a stepped portion comprising a dividing wall defining a welding chamber therein, said welding chamber sized to receive a component being welded therein;

a gas delivery system for supplying a protective gas into the SWET box and said enclosure; and

a lid coupled to the SWET box and extending over the heating chamber and said enclosure, encasing the heating chamber and said enclosure, said gas delivery system including a first gas delivery system positioned adjacent a floor of said welding chamber and a second gas delivery system coupled to said lid.

9. (canceled) A liner assembly system for a SWET box system in accordance with Claim 8 wherein said enclosure dividing wall further defines a cavity adjacent to said welding chamber, one of said end walls comprising an arcuate wall that partially borders said cavity.10. (Withdrawn currently) A liner assembly system for a SWET box system in accordance with Claim 8 wherein said welding chamber comprises a side wall having a window open to a heating source in a wall of the heating chamber for supplying heat energy to said welding chamber.11. (canceled) A liner assembly system for a SWET box system in accordance with Claim 8 wherein said second gas delivery system includes a diffuser positioned adjacent a floor of said welding chamber, said diffuser coupled to a protective gas source through said floor of said welding chamber.

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12. () A liner assembly system for a SWET box system in accordance with Claim 11 wherein said diffuser comprises an array of perforated tubes.

13. () A liner assembly system for a SWET box system in accordance with Claim 11 further comprising a blade support positioned above said diffuser, said support including a perforated base in flow communication with said diffuser.

14. () A liner assembly system for a SWET box system in accordance with Claim 13 wherein said blade support is separated from said diffuser by a layer of mesh material.

15. () A liner assembly system for a SWET box system in accordance with Claim 8 wherein said second gas delivery system includes a plurality of diffuser cups coupled to said lid.

16. () A SWET box comprising:

a heating chamber;

an enclosure configured to be received in said heating chamber, said enclosure comprising a rear wall, a front wall opposite said rear wall, a pair of opposed end walls, and a stepped portion comprising a dividing wall defining a welding chamber therein, said welding chamber sized to receive a component being welded therein;

a gas delivery system for supplying a protective gas into said heating chamber and said enclosure; and

a lid coupled to said heating chamber and extending over said heating chamber and said enclosure, encasing said heating chamber and said enclosure, said gas delivery system including a first gas delivery system positioned adjacent a floor of said welding chamber and a second gas delivery system coupled to said lid.

17. () A SWET box in accordance with Claim 16 wherein said welding chamber comprises a side wall having a window open to a heating source in a wall of said heating chamber for supplying heat energy to said welding chamber.

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18. (Claim 16, added) A SWET box in accordance with Claim 16 wherein said first gas delivery system includes a diffuser positioned adjacent a floor of said welding chamber, said diffuser coupled to a protective gas source through said floor of said welding chamber.
19. (Claim 18, added) A SWET box in accordance with Claim 18 wherein said diffuser comprises an array of perforated tubes.
20. (Claim 16, added) A SWET box in accordance with Claim 16 wherein said second gas delivery system includes a plurality of diffuser cups coupled to said lid.